

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001113

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 C08G 77/00, C08F 291/02, C08L 51/00, C08L 51/02, C08L 2/22**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7 C08G 77/00, C08F 291/02, C08L 51/00, C08L 51/02, C08L 2/22**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
CA-on CD, PAJ, KIPASS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-137946 A (KANEKA FUCHI CHEM IND CO LTD ) 14 May 2003 see the whole documents	1-20
A	JP 10-212387 A (MITSUBISHI RAYON CO LTD) 11 August 1998 see the whole documents	1-20
A	JP 04-272952 A (MITSUBISHI RAYON CO LTD ) 29 September 1992 see the whole documents	1-20
A	JP 2003-96142 A (NIPPON A & L KK) 03 April 2003 see the whole documents	1-20
A	JP 2002-173501 A (KANEKA FUCHI CHEM IND CO LTD) 21 June 2002 see the whole documents	1-20

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

23 AUGUST 2004 (23.08.2004)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR

 Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Suk Ju

Telephone No. 82-42-481-8149



**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/001113

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2003-137946 A	14.05.2003	None	
JP 10-212387 A	11.08.1998	None	
JP 04-272952 A	29.09.1992	None	
JP 2003-96142 A	03.04.2003	None	
JP 2002-173501 A	21.06.2002	EP 1273601 A1 WO 200246257 A1 US 2003092819 AA CA 2407798 AA	2003/01/08 2002/06/13 2003/05/15 2002/09/30